

9. The method of claim 4, wherein the output from the machine learning model indicates whether the Kalman filter is to disregard measurements from the GNSS satellite.

10. The method of claim 1, wherein the set of parameters comprise at least one of an azimuth, an elevation, a pseudorange, an uncertainty associated with the pseudorange, a range rate, an uncertainty associated with the range rate or a multipath flag.

11. The method of claim 10, wherein the set of parameters further comprise at least one of a satellite identifier for the GNSS satellite, a measurement latency, a carrier tracking state, a position fix location, an uncertainty associated with the position fix location, a number of satellites used in a position fix, or a horizontal dilution of precision.

12. The method of claim 1, wherein the subsequent position provided by the positioning system comprises measurement errors.

13. A device, comprising:

at least one processor; and

a memory including instructions that, when executed by the at least one processor, cause the at least one processor to:

receive an estimated position based on a positioning system comprising a Global Navigation Satellite System (GNSS) satellite;

receive a set of parameters associated with the estimated position;

apply the set of parameters and the estimated position to a machine learning model, the machine learning model having been trained based at least on a position of a receiving device relative to the GNSS satellite;

provide the estimated position and an output of the machine learning model to a Kalman filter; and

provide an estimated device location based on an output of the Kalman filter.

14. The device of claim 13, the machine learning model further having been trained based on an estimated position of the receiving device provided by the positioning system, and based on a reference position of the receiving device provided by a reference positioning system.

15. The device of claim 13, wherein the machine learning model is stored in the memory of the device.

16. The device of claim 13, wherein the output from the machine learning model indicates an amount of uncertainty for the estimated position.

17. The device of claim 13, wherein the output from the machine learning model indicates a revised measurement for the estimated position.

18. The device of claim 13, wherein the output from the machine learning model indicates an order to use the estimated position in the Kalman filter, relative to other measurements used in the Kalman filter.

19. The device of claim 13, wherein the output from the machine learning model indicates whether the Kalman filter is to disregard measurements from the GNSS satellite.

20. The device of claim 13, wherein the position of the receiving device relative to the GNSS satellite corresponds to at least one of an azimuth, an elevation, a pseudorange, an uncertainty associated with the pseudorange, a range rate, an uncertainty associated with the range rate or a multipath flag.

21. A computer program product comprising code stored in a tangible computer-readable storage medium, the code comprising:

code to receive an estimated position of a first device based on a positioning system comprising a Global Navigation Satellite System (GNSS) satellite;

code to receive a set of parameters associated with the estimated position, the set of parameters comprising at least one parameter corresponding to a position of the first device relative to the GNSS satellite;

code to receive a reference position of the first device based on a reference positioning system;

code to generate a machine learning model based on the estimated position, the reference position and the set of parameters; and

code to provide the machine learning model to a second device, to estimate device location of the second device based on a subsequent position of the second device as provided by the positioning system.

22. The computer program product of claim 21, wherein the subsequent position and an output from the machine learning model are provided to a Kalman filter to estimate device location.

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